

ABSTRACT

A speaker system that detects what type of audio signal is supplied to it and automatically adjusts to reproduce sound from either an analog audio input signal or a digital audio input signal. The speaker system has one or more converters to convert each form of digital audio into analog audio, a detection means to detect whether an analog audio input signal or one of the possible digital audio signals is present and a multiplexer to switch between either the analog audio input signal or one of the outputs of the digital audio converters. Amplifier and speaker drivers are shown for completeness.